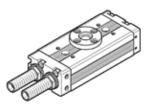
Semi-rotary actuator DRQD-B-20-180-P1J-A-AL-FW Part number: 1177955 Product to be discontinued

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|---|---|
| Size | 20 |
| Setting range of swivel angle on both sides | -180 /+ 6 deg |
| Swivel angle | 180 deg |
| Cushioning | P1J: Adjustable elastomer cushioning |
| Assembly position | Any |
| Design structure | Rack and pinion |
| Max. number of intermediate positions | 1 |
| Position detection | For proximity sensor |
| Working pressure | 3 10 bar |
| Max. swivel frequency at 6 bar | 2.2 Hz |
| Mode of operation | double-acting |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 1 |
| Ambient temperature | -10 60 °C |
| Theoretical torque at 6 bar | 3.1 Nm |
| Permissible mass moment of inertia | 0.035 kgm2 |
| Mounting type | Optional |
| | with through hole |
| | with internal (female) thread |
| Pneumatic connection | M5 |
| Materials note | Free of copper and PTFE |
| | Conforms to RoHS |
| Materials information for drive shaft | Heat-treatment steel |
| Materials information for cover | Aluminum |
| Materials information for seals | NBR |
| | TPE-U(PU) |
| Materials information, housing | Aluminum |



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